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NEWS	4	OCT 28	KOREAPAT now available on STN
NEWS	5	NOV 30	PHAR reloaded with additional data
NEWS	6	DEC 01	LISA now available on STN
NEWS	7	DEC 09	12 databases to be removed from STN on December 31, 2004
NEWS	8	DEC 15	MEDLINE update schedule for December 2004
NEWS	9	DEC 17	ELCOM reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	10	DEC 17	COMPUAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	11	DEC 17	SOLIDSTATE reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	12	DEC 17	CERAB reloaded; updating to resume; current-awareness alerts (SDIs) affected
NEWS	13	DEC 17	THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS	14	DEC 30	EPFULL: New patent full text database to be available on STN
NEWS	15	DEC 30	CAPLUS - PATENT COVERAGE EXPANDED
NEWS	16	JAN 03	No connect-hour charges in EPFULL during January and February 2005

NEWS EXPRESS	OCTOBER 29 CURRENT WINDOWS VERSION IS V7.01A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
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=> s (biodegradable or bioabsorbable) and (fibers or fibrous)

L1 14495 (BIODEGRADABLE OR BIOABSORBABLE) AND (FIBERS OR FIBROUS)

=> s l1 and composite#

L2 3823 L1 AND COMPOSITE#

=> s l2 and (different diameter#)

L3 69 L2 AND (DIFFERENT DIAMETER#)

=> s l3 and submicron

L4 7 L3 AND SUBMICRON

=> d l4 1-7 ibib abs

L4 ANSWER 1 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2004:100800 USPATFULL

TITLE: **Biodegradable and/or bioabsorbable**

**fibrous** articles and methods for using the  
articles for medical applications

INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES

Hsiao, Benjamin S., Setauket, NY, UNITED STATES

Fang, Dufei, Painted Post, NY, UNITED STATES

Brathwaite, Collin, Setauket, NY, UNITED STATES

PATENT ASSIGNEE(S): The Research Foundation of State University of New  
York. (U.S. corporation)

NUMBER

KIND

DATE

PATENT INFORMATION:

US 2004076661 A1 20040422

APPLICATION INFO.:

US 2003-719290 A1 20031121 (10)

RELATED APPLN. INFO.:

Division of Ser. No. US 2003-375329, filed on 27 Feb  
2003, GRANTED, Pat. No. US 6689374 Division of Ser. No.  
US 2001-859007, filed on 16 May 2001, GRANTED, Pat. No.  
US 6685956

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: HOFFMANN & BARON, LLP, 6900 JERICHO TURNPIKE, SYOSSET,  
NY, 11791  
NUMBER OF CLAIMS: 60  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 14 Drawing Page(s)  
LINE COUNT: 1447

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Biodegradable** and/or bioabsorbable **fibrous** articles and methods for using the articles in medical applications are disclosed. The **biodegradable** and/or bioabsorbable **fibrous** articles, which are formed by elctrospinning fibers of **biodegradable** and/or **bioabsorbable** fiberizable material, comprise a **composite** (or asymmetric **composite**) of different **biodegradable** and/or **bioabsorbable** fibers. Articles having specific medical uses include an adhesion-reducing barrier and a controlled delivery system. The methods include methods for reducing surgical adhesions, controlled delivery of a medicinal agent and providing controlled tissue healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 2 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:324375 USPATFULL

TITLE: **BIODEGRADABLE AND/OR BIOABSORBABLE FIBROUS ARTICLES AND METHODS FOR USING THE ARTICLES FOR MEDICAL APPLICATIONS**

INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES  
Hsiao, Benjamin S., Setauket, NY, UNITED STATES  
Fang, Dufei, Painted Post, NY, UNITED STATES  
Brathwaite, Collin, Setauket, NY, UNITED STATES

PATENT ASSIGNEE(S): The Research Foundation at State University of New York  
(U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003228350	A1	20031211
	US 6689374	B2	20040210
APPLICATION INFO.:	US 2003-375329	A1	20030227 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2001-859007, filed on 16 May 2001, PENDING		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOFFMANN & BARON, LLP, 6900 JERICHO TURNPIKE, SYOSSET, NY, 11791		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Page(s)		
LINE COUNT:	1347		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Biodegradable** and/or bioabsorbable **fibrous** articles and methods for using the articles in medical applications are disclosed. The **biodegradable** and/or bioabsorbable **fibrous** articles, which are formed by elctrospinning fibers of **biodegradable** and/or **bioabsorbable** fiberizable material, comprise a **composite** (or asymmetric **composite**) of different **biodegradable** and/or **bioabsorbable** fibers. Articles having specific medical uses include an adhesion-reducing barrier and a controlled delivery system. The methods include methods for reducing surgical adhesions, controlled delivery of a medicinal agent and providing controlled tissue healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 3 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:78115 USPATFULL

TITLE: Cell storage and delivery system

INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES  
Hsiao, Benjamin S., Setauket, NY, UNITED STATES  
Hadjiargyrou, Michael, Coram, NY, UNITED STATES  
Fang, Dufei, Painted Post, NY, UNITED STATES  
Zong, Xinhua, Centereach, NY, UNITED STATES  
Kim, Kwangsok, Setauket, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003054035	A1	20030320
	US 6790455	B2	20040914
APPLICATION INFO.:	US 2001-953114	A1	20010914 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	Ronald J. Baron, Esq., HOFFMANN & BARON, LLP, 6900 Jericho Turnpike, Syosset, NY, 11791		
NUMBER OF CLAIMS:	64		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	12 Drawing Page(s)		
LINE COUNT:	1804		

AB Cell storage and delivery systems and methods for storing and delivering viable cells to a mammal are disclosed. The cell storage and delivery systems include a **biodegradable** and/or **bioabsorbable fibrous** matrix physically associated with viable cells to contain and release the cells at a controlled rate. The **biodegradable** and/or **bioabsorbable** matrix can be formed by electrospinning **fibers of biodegradable** and/or **bioabsorbable** fiberizable material. The methods include methods for storing viable cells and for delivering viable cells to a mammal using the cell storage and delivery system.

L4 ANSWER 4 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2003:3540 USPATFULL

TITLE: Fabrication of vascularized tissue using microfabricated two-dimensional molds

INVENTOR(S): Vacanti, Joseph P., Winchester, MA, UNITED STATES  
Borenstein, Jeffrey T., Holliston, MA, UNITED STATES  
Pien, Homer, Andover, MA, UNITED STATES  
Cunningham, Brian T., Lexington, MA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2003003575	A1	20030102
APPLICATION INFO.:	US 2002-200955	A1	20020722 (10)
RELATED APPLN. INFO.:	Division of Ser. No. US 2000-560480, filed on 28 Apr 2000, GRANTED, Pat. No. US 6455311		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-131930P	19990430 (60)
	US 1999-165329P	19991112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	Thomas J. Kowalski, FROMMER LAWRENCE & HAUG LLP, 745 Fifth Avenue, New York, NY, 10151	
NUMBER OF CLAIMS:	16	
EXEMPLARY CLAIM:	1	

NUMBER OF DRAWINGS: 6 Drawing Page(s)

LINE COUNT: 1210

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method and materials to create complex vascularized living tissue in three dimensions from a two-dimension microfabricated mold has been developed. The method involved creating a two dimensional surface having a branching structure etched into the surface. The pattern begins with one or more large channels which serially branch into a large array of channels as small as individual capillaries, then converge to one or more large channels. The etched surface serves a template within a mold formed with the etched surface for the circulation of an individual tissue or organ. Living vascular cells are then seeded onto the mold, where they form living vascular channels based on the pattern etched in the mold. Once formed and sustained by their own matrix, the top of the mold is removed. The organ or tissue specific cells are then added to the etched surface, where they attach and proliferate to form a thin, vascularized sheet of tissue. The tissue can then be gently lifted from the mold using techniques such as fluid flow and other supporting material, as necessary. The tissue can then be systematically folded and compacted into a three-dimensional vascularized structure. This structure can then be implanted into animals or patients by directly connecting the blood vessels to flow into and out of the device. Immediate perfusion of oxygenated blood occurs, which allows survival and function of the entire living mass.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 5 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:308088 USPATFULL

TITLE: **Biodegradable and/or bioabsorbable fibrous** articles and methods for using the articles for medical applications

INVENTOR(S): Chu, Benjamin, Setauket, NY, UNITED STATES  
Hsiao, Benjamin S., Setauket, NY, UNITED STATES  
Fang, Dufei, Painted Post, NY, UNITED STATES  
Brathwaite, Collin, Setauket, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002173213	A1	20021121
	US 6685956	B2	20040203
APPLICATION INFO.:	US 2001-859007	A1	20010516 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOFFMANN & BARON, LLP, 6900 JERICHO TURNPIKE, SYOSSET, NY, 11791		
NUMBER OF CLAIMS:	113		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	13 Drawing Page(s)		
LINE COUNT:	1607		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB **Biodegradable and/or bioabsorbable fibrous** articles and methods for using the articles in medical applications are disclosed. The **biodegradable and/or bioabsorbable fibrous** articles, which are formed by elctrospinning **fibers of biodegradable and/or bioabsorbable** fiberizable material, comprise a **composite** (or asymmetric **composite**) of different **biodegradable and/or bioabsorbable fibers**. Articles having specific medical uses include an adhesion-reducing barrier and a controlled delivery system. The methods include methods for reducing surgical adhesions, controlled delivery of a medicinal agent and providing controlled tissue healing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 6 OF 7 USPATFULL on STN

ACCESSION NUMBER: 2002:246586 USPATFULL  
TITLE: Fabrication of vascularized tissue  
INVENTOR(S): Vacanti, Joseph P., Winchester, MA, United States  
PATENT ASSIGNEE(S): The General Hospital Corporation, Boston, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6455311	B1	20020924
APPLICATION INFO.:	US 2000-560480		20000428 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-131930P	19990430 (60)
	US 1999-165329P	19991112 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	GRANTED	
PRIMARY EXAMINER:	Weber, Jon P.	
LEGAL REPRESENTATIVE:	Kowalski, Esq., Thomas J., Leahy, Amy, Frommer Lawrence & Haug LLP	
NUMBER OF CLAIMS:	7	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	23 Drawing Figure(s); 6 Drawing Page(s)	
LINE COUNT:	1222	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed and claimed is a laminar structure. The laminar structure has multiple layers. Each layer has tissue and vasculature. The layers are adjacent. The vasculature is in three dimensions through the structure. The structure has connections for flow into and out of the vasculature. The structure can be implanted directly by connecting blood vessels to flow into and out of the vasculature.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L4 ANSWER 7 OF 7 USPATFULL on STN

ACCESSION NUMBER: 96:79958 USPATFULL  
TITLE: Immobilized metal colloids on dispersed polymer microspheres  
INVENTOR(S): Siiman, Olavi, Davie, FL, United States  
Burshteyn, Alexander, Hialeah, FL, United States  
Cayer, Marilyn, Miami, FL, United States  
PATENT ASSIGNEE(S): Coulter Corporation, Miami, FL, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5552086		19960903
APPLICATION INFO.:	US 1993-118980		19930909 (8)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1992-827347, filed on 29 Jan 1992, now patented, Pat. No. US 5248772, issued on 28 Sep 1993		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Lovering, Richard D.		
LEGAL REPRESENTATIVE:	Kaye, Michelle A.		
NUMBER OF CLAIMS:	35		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	87 Drawing Figure(s); 24 Drawing Page(s)		
LINE COUNT:	1147		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention describes stable colloidal polymeric particles of 0.2-5.0

microns size which are coated with a first aminodextran layer and a second metallic solid layer, The metal is coated by reduction of a metallic salt or complex by the aminodextran. The metal coated particles, which preferably are gold- or silver-coated polymeric microspheres, produce side scatter and forward shifts in flow cytometry applications that are in agreement with the theoretical shifts predicted for solid gold or silver spheres of similar size in flow cytometry applications,

CAS INDEXING IS AVAILABLE FOR THIS PATENT.